



Acquisition Reform

Three Big Ideas

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Report Documentation Page

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Three Acq Reform Big Ideas



(1) Competing Capability
Needs Among Services



(2) Bridging the Technology
Valley of Death

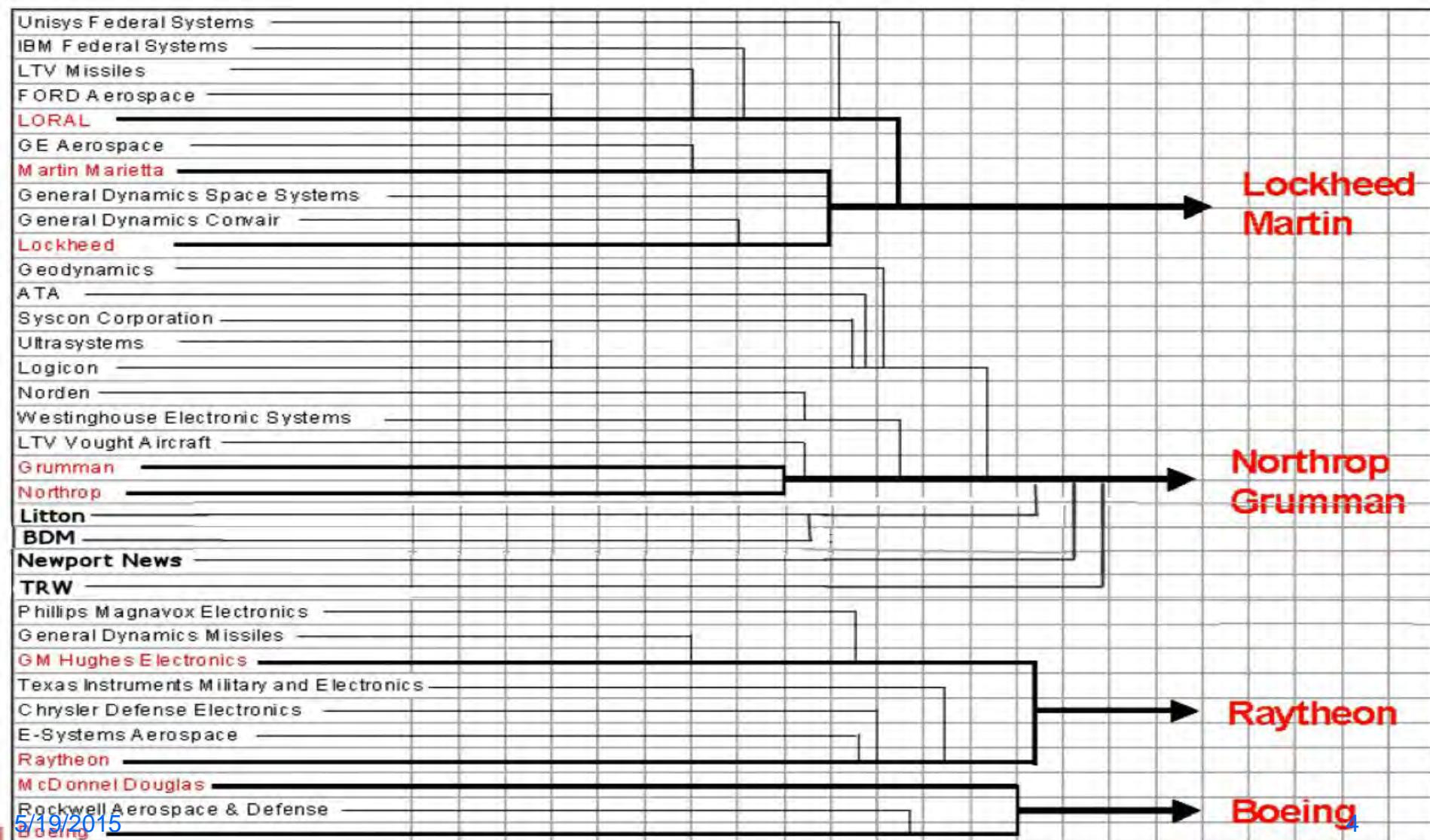


(3) Creating an All-Civilian
Acquisition Workforce

REKINDLING COMPETITION



Defense Industry Consolidation



Compete the ICD



CONOPS
Cost?
Schedule?
Performance?

CONOPS
Cost?
Schedule?
Performance?



CONOPS
Cost?
Schedule?
Performance?

Inter-Service Competition



- Forces ICDs to be “generic”
- Breaks status quo mentality
- Induces competition for best value
- Uses “peer pressure” for realism

TECHNOLOGY TRANSITION & THE “VALLEY OF DEATH”





Isn't my new
technology
COOL!!!???

But it still isn't
mature enough for
my PROGRAM!!

Tech Concurrency – Good Idea???



F-35 New Technologies

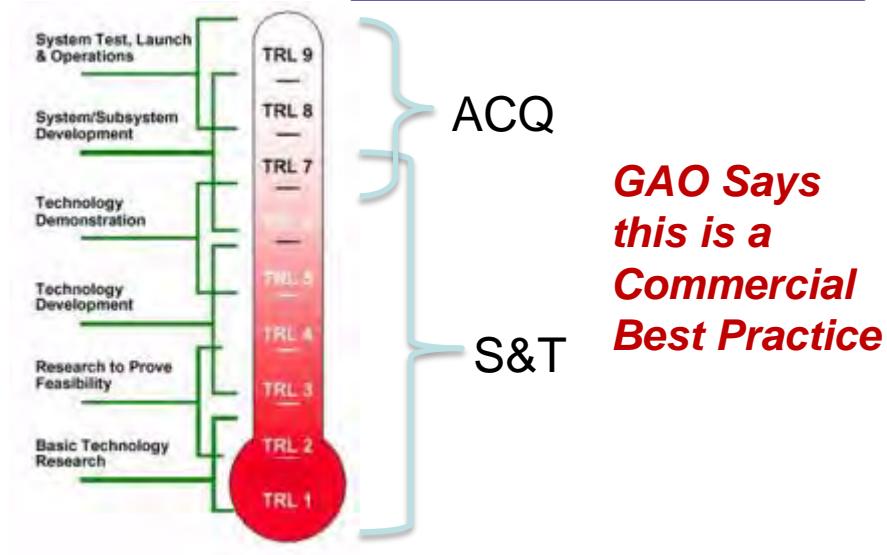
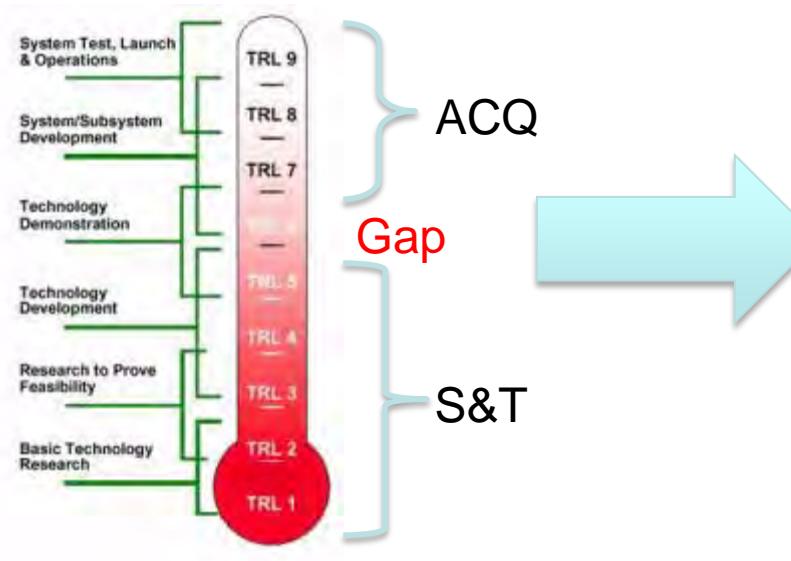
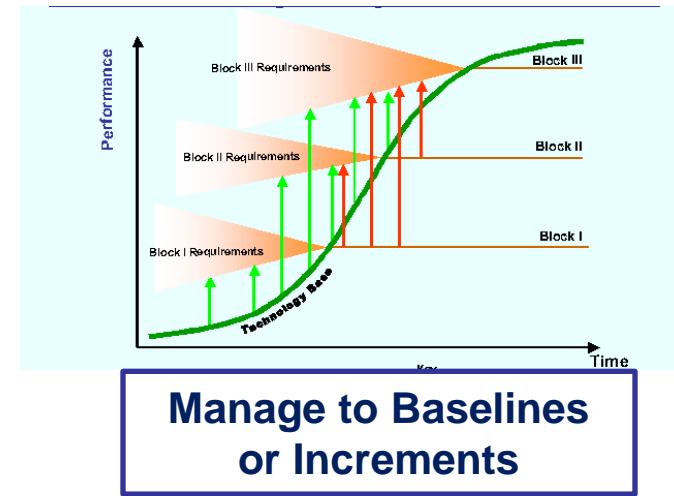
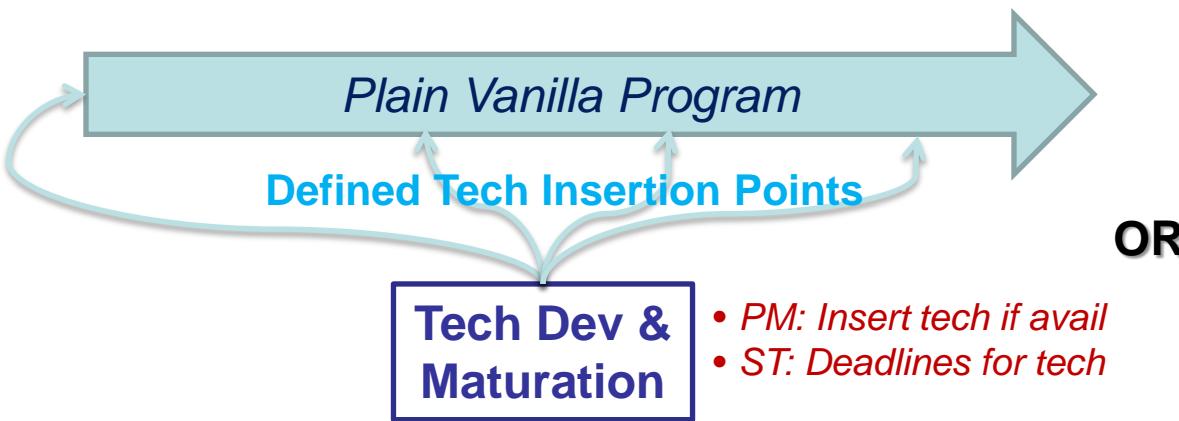
- “Family” of capabilities (STOVL, CTOL, CV)
- New engine (P&W F-135)
- Stealth
- Mission software
- Helmet mounted display
- Integrated flight propulsion control
- AESA radar
- Autonomic Logistics Information System (ALIS)
- Prognostics Health Management downlink

DDG-1000 New Technologies

- Tumblehome hull
- Integrated topside design
- Dual-band radar system (orig design)
- Total ship computing environment
- Mk 57 Peripheral Vertical Launch System (PVLS)
- 155mm Advanced Gun System
- Integrated Power System
- Increased automation for reduced manning



Things to do – Nothing new!



The sonic drive plate...
connects to the... upper
temporal field array...while
the hyperspace proton
modulator...is coupled to
the photonic flux launcher...



I'm concerned that
the...should-cost
initiatives...and time-certain
scheduling...not not impact
the...technology on-ramps
and throw off the top-line
affordability caps



We are both speaking English, but I really don't understand what you are saying!



Relationship Managers on PEO and/or SYSCOM Staff Can Be Tech Matchmakers.

Barriers to Innovation



Too Many High Hurdles & Disincentives to Entice Small & Commercial Innovators.

ALL CIVILIAN ACQUISITION WORKFORCE



Serving Two Masters...

Ops Tour	Acq Tour	Ops Tour	Svc Col	Joint Tour	Acq Tour	PM Tour
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~20
Years

Trying to Excel at BOTH
Operational and
Acquisition Careers...

*...in a Limited
Span of Time.*



Civilian Acquisition Workforce



Voice of the Operator?



Voice of the Operator?

Military Advisor

- *Expertise in system operation*
- *Link to sponsor and users*
- *Not required to be an acquisition expert*
- *Tenure not as important*

Program Manager



Wait! I'm an Operator...I can answer those questions and provide advice.



Military Advisor/
Sponsor Rep

Summary: 3 Big Ideas



(1) Competing Capability
Needs Among Services



(2) Bridging the Technology
Valley of Death



(3) Creating an All-Civilian
Acquisition Workforce